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**Subject:** FW: Bayou Corne Natural Gas Seep-Activities conducted on Wednesday, August 22, 2012  
**Date:** 08/23/2012 08:27 AM

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Activities Performed by LDEQ personnel on Wednesday, August 22, 2012:

- Air monitoring was conducted in the Bayou Corne community. Parameters monitored included H2S, VOCs, LEL, and O2. All readings were zero with normal O2 readings. Monitoring was conducted using the MultiRae.
- Air summa canisters (2) were collected in the Bayou Corne community and they were analyzed by the Mobile Air Monitoring Lab (MAML). No levels of concern have been detected.
- The MAML performed air monitoring/sampling in Bayou Corne. No levels of concern have been detected/reported by these efforts.
- Air monitoring was conducted in the areas of the bubbling (boat run) in Bayou Corne. Parameters monitored included H2S, VOCs, LEL, and O2. All readings were zero with normal O2 readings. Monitoring was conducted using the MultiRae. Additional bubbling was observed between bubbling sites 2 & 3.
- Staff participated in the Incident Action Plan Meeting.
- Staff, in conjunction with Assumption OEP and other state agencies, continues to monitor Texas Brine's efforts to ensure that the slurry site is safe to resume diesel remediation efforts.
- Staff conducted visual monitoring of the conditions of the booms and general conditions of the slurry area from the well pad.
- 24/7 air monitoring/oversight was conducted at the drilling site. Duties include review of facility's real-time monitoring data with the facility/contractor personnel, review of alarm readings and also calibration and maintenance records for facility's air monitoring instruments, and hand-held monitoring at 8 monitoring points. Parameters monitored were CO, H2S, VOCs, LEL, and O2. All readings were below the low action level with normal O2 readings. Monitoring was conducted using the MultiRae. EPA START contractors are now available and will assist with this effort.
- The LDEQ Command Center was manned between activities

Scheduled Activities for Thursday, August 23, 2012

- Conduct air monitoring in the areas of bubbling (boat run) in Bayou Corne.
- Conduct air monitoring in Bayou Corne community.
- Collect ambient air sample(s) using summa canisters in the Bayou Corne community.
- Attend the State Agencies Meeting and the Incident Action Planning Meeting.
- Utilize the MAML for air monitoring/sampling in Bayou Corne.
- Visually monitor the conditions of the booms and general conditions of the slurry area from the well pad.
- Conduct air monitoring and provide oversight at the Texas Brine drilling site. Duties include review of facility's real-time monitoring data with the facility/contractor personnel, review of alarm readings and also calibration and maintenance records for facility's air monitoring instruments, hand-held monitoring at 9 monitoring points, and additional hand-held monitoring as needed to validate the facility's readings. EPA START contractors will conduct the 4pm-12am and 12am -8am monitoring.
- Man the LDEQ Command Center during the day (between activities) from approximately 8 a.m. to



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4 p.m.

- Respond to citizens' inquiries as needed.